

The 10 Haddon Strategies

Range from "upstream" to downstream approaches



They include all categories of intervention strategy approaches (the E's)

Haddon strategies applied - I

#1 Prevent creation of the hazard

→ ban 3-wheel ATV's; restrict types of ammunition

#2 Reduce amount of the hazard

→ limit pills per container; decrease water temperature

#3 Prevent release of the hazard

> provide handrails for the elderly; improve brakes

#4 Alter release of the hazard

blister packaging of pills; child restraints

#5 Separate person and hazard in time and space

→ bike paths; remove trees near roads; evacuate hurricanes

Haddon strategies applied - II

#6 Place barrier between person and the hazard

→ bike helmets; childproof closures; pool fences

#7 Modify basic qualities of the hazard

→ breakaway poles; energy-absorbing surfacing

#8 Strengthen resistance to the hazard

physical conditioning; building codes (earthquake)

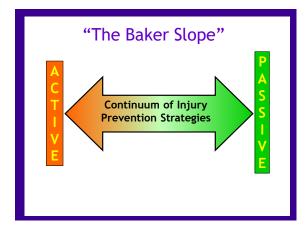
#9 Detect quickly

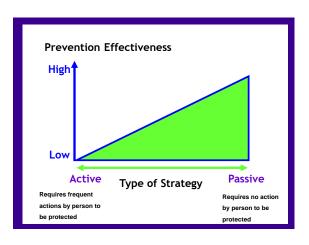
→ smoke detectors; road side phones; early warning systems

#10Repair the damage

> EMS; treatment & rehabilitation; self-care training















What about Injury Prevention Advocacy? Where does it fit?

"Injury prevention advocates work to influence the way the public, policymakers and other decision makers think about and act on injury prevention policies."

Susan De Francesco, JD, MPH, MAT



- 1. For each <u>type</u> of "E" strategy, think about what factors (other than funding) might be important for that strategy to have the potential to succeed.
 - This is about intervention design and components rather than funding, etc.
- 2. Can this type of strategy stand alone?
 - ♦If yes, why?
 - ◆If no, what could enhance it?

For education & behavior change strategies to work, the audience must:

- ■Be exposed to the appropriate information
- ■Understand and believe the information
- Have the resources and skills to make the proposed change
- Derive benefit (or perceive a benefit) from the change
- Be reinforced to maintain the change over time

Sleet and Gielen, 1998

Successful implementation of engineering & technology solutions requires that the technology:

- ■Be effective and reliable
- ■Be acceptable to the public and compatible with the environment
- Result in products that dominate the market place
- Be easily understood and properly used by the public

Sleet and Gielen, 1998

Key factors in making legislation and law enforcement strategies effective:

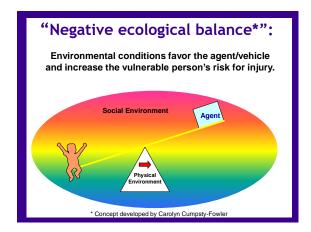
- The legislation is widely known and understood
- The public accepts the legislation and its enforcement provisions
- The probability, or perceived probability, of being caught if one breaks the law is high
- ■The punishment is perceived to be swift and severe Sleet and Gielen, 1998

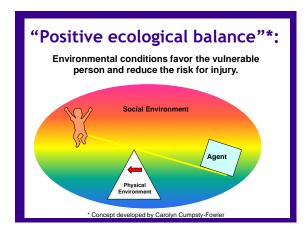
Rationale for Adopting an Ecological (Multi-level) Intervention Approach:

- Single strategies are seldom if ever successful in achieving and sustaining change...
- Interventions must be sensitive to the ecological context.
- They must address several areas.
- To achieve lasting change, interventions must be implemented with enough resource intensity (such as time and engagement).

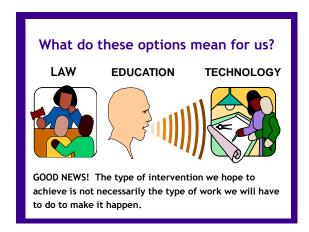


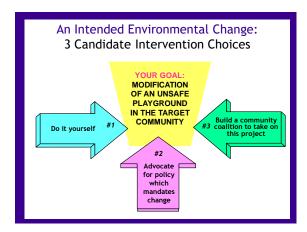


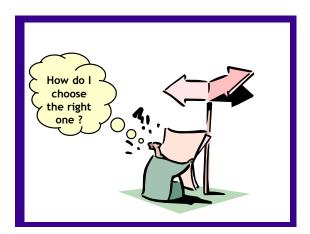










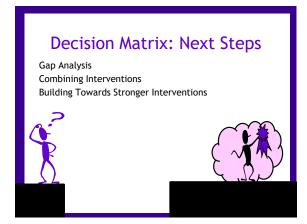


Different Strategies Have different strengths and weaknesses Live ight the pro's and con's carefully

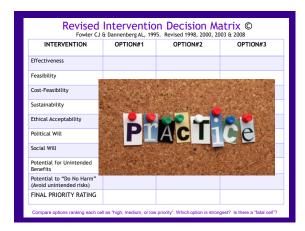
The Revised Intervention Decision Matrix © Fowler & Dannenberg 1995 (revised 1998, 2003, & 2008) Is a simple tool designed to help people identify intervention options and choose between them. It can also help identify long term goals and intervention options which may support each other.

Elements of the Revised Intervention Decision Matrix © Effectiveness Feasibility Affordability (Cost-feasibility) Sustainability Ethical Acceptability Social Will Political Will Possible Unintended Consequences Benefits Potential to "Do No Harm" (Avoid Unintended Risk)

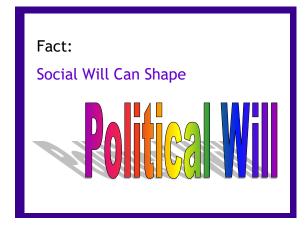
Fowler CJ & Dannenberg AL, 1995. Revised 1998, 2000, 2003 & 2008			
INTERVENTION	OPTION#1	OPTION#2	OPTION#3
Effectiveness			
Feasibility			
Cost-Feasibility			
Sustainability			
Ethical Acceptability			
Political Will			
Social Will			
Potential for Unintended Benefits			
Potential to "Do No Harm" (Avoid unintended risks)			
FINAL PRIORITY RATING			











The Community is the SOLUTION Not the intervention SITE





Even apparently similar situations may be different.

Each presents unique challenges and opportunities!

Careful assessment reveals human factors that can impact program design, implementation, outcomes and potential for institutionalization.

You want





For most people, health is only a means to an end

Understanding what is important to your intended audiences - both recipients and collaborators - is critical to program success.

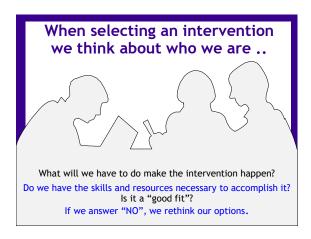


Get to know your intended audience's

- Knowledge/Attitudes/Beliefs/Skills
- Behaviors/Practices
- Priorities
- Resources
- Readiness for change
- Barriers to change/Change facilitators
- Program preferences
- Distribution outlets
- Choice of "language"















You don't have to tackle the whole problem by yourself..or do the whole program by yourself.



